

# NATIONAL INSTITUTES OF HEALTH

NIH Roadmap  
(dollars in millions)

Title of Initiative	Lead Administrative ICs	FY 2004 Funding	FY 2005 Funding
<b><u>New Pathways of Discovery</u></b>			
<b>Molecular Libraries and Imaging</b>			
Creation of NIH Bioactive Small Molecule Library & Screening Centers	NIMH, NHGRI	\$15.0	\$38.5
Cheminformatics	NHGRI, NLM	5.0	7.5
Technology Development	NIGMS, NINDS, NHGRI, NIBIB	6.5	13.0
Development of High Resolution Probes for Cellular Imaging	NIGMS	1.3	5.0
Imaging Probe Database	NCI	1.0	1.3
Core Synthesis Facility to Produce Imaging Probes	NHLBI	3.0	2.0
<i>Subtotal, Molecular Libraries and Imaging</i>		31.8	67.3
<b>Building Blocks, Biological Pathways and Networks</b>			
Metabolomics Technology Development	NIDDK, NCRR	14.8	29.1
Standards for Proteomics and Metabolomics	NCRR, NIDDK, NHGRI	0.2	0.2
<i>Subtotal, Building Blocks, Biological Pathways and Networks</i>		15.0	29.3
<b>Structural Biology</b>			
Centers for Innovation in Membrane Protein Production	NIGMS	5.0	10.0
<b>Bioinformatics and Computational Biology</b>			
National Centers for Biomedical Computing	NIGMS	12.0	24.0
<b>Nanomedicine</b>			
Conceptual Planning for Nanomedicine Development Centers	NEI	0.0	0.0
Nanomedicine Development Centers	NEI	0.3	0.0
<i>Subtotal, Nanomedicine</i>		0.0	6.0
<b><u>Subtotal, New Pathways of Discovery</u></b>		<b>64.1</b>	<b>136.6</b>
<b><u>Research Teams of the Future</u></b>			
<b>Interdisciplinary Research</b>			
Interdisciplinary Research Centers	NCRR	9.0	9.0
Interdisciplinary Research Training Initiative	NIDDK, OBSSR, NIGMS	10.1	17.2
Innovation in Interdisciplinary Technology and Methods	OD/OBSSR	1.0	1.0
Removing Structural Barriers to Interdisciplinary Research	CSR, OD/OER	0.0	0.0
Using the NIH Intramural Research Program as a Model for Interdisciplinary Research	OD/OIR	0.0	0.0
Interagency Conference on the Interface of Life Sciences and Physical Sciences	NIDCR	0.1	0.0
<i>Subtotal, Interdisciplinary Research</i>		20.2	27.2
<b>High-risk Research</b>			
NIH Director's Pioneer Awards	OD	5.9	11.3
<b>Public-Private Partnerships</b>			
Designation of a Central Point of Contact	OD	0.0	0.0
High-Level Science Driven Partnership Meetings	OD	0.5	0.5
<i>Subtotal, Public Private Partnerships</i>		0.0	0.0
<b><u>Subtotal, Research Teams of the Future</u></b>		<b>26.6</b>	<b>39.1</b>
<b><u>Re-engineering the Clinical Research Enterprise</u></b>			
Clinical Research Policy Analysis and Coordination	OD/OSP	2.0	2.9
Feasibility of Integrating and Expanding Clinical Research Networks	NHLBI	18.0	18.5
Translational Research Core Services	NIDDK	0.4	2.4
Dynamic Assessment of Patient-Reported Chronic Disease Outcomes	NIAMS	5.0	5.0
Regional Translational Research Centers	NCCAM	0.3	3.4
Enhance Clinical Research Training via the National Multi-disciplinary CR Career Development Program and CRTP and MSTP Expansions	NICHD, OD/OIR, NICHD	9.2	28.9
Create a National Clinical Research Associates Program	NICHD	2.8	0.0
<b><u>Subtotal, Re-engineering the Clinical Research Enterprise</u></b>		<b>37.6</b>	<b>61.1</b>
<b>Total Roadmap</b>		<b>128.3</b>	<b>236.8</b>